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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/583,365	06/19/2006	Shunpei Yamazaki	0756-7752	6856
31780	7590	03/19/2010		EXAMINER
ERIC ROBINSON				BELOUSOV, ALEXANDER
PMB 955				
21010 SOUTHBANK ST.			ART UNIT	PAPER NUMBER
POTOMAC FALLS, VA 20165				2894
			MAIL DATE	DELIVERY MODE
			03/19/2010	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

<b><i>Advisory Action</i></b> <b><i>Before the Filing of an Appeal Brief</i></b>	<b>Application No.</b> 10/583,365	<b>Applicant(s)</b> YAMAZAKI ET AL.
	<b>Examiner</b> ALEXANDER BELOUSOV	<b>Art Unit</b> 2894

*-The MAILING DATE of this communication appears on the cover sheet with the correspondence address -*

THE REPLY FILED 02 February 2010 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1.  The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a)  The period for reply expires 3 months from the mailing date of the final rejection.
- b)  The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### NOTICE OF APPEAL

2.  The Notice of Appeal was filed on \_\_\_\_\_. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

#### AMENDMENTS

3.  The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
  - (a)  They raise new issues that would require further consideration and/or search (see NOTE below);
  - (b)  They raise the issue of new matter (see NOTE below);
  - (c)  They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
  - (d)  They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: \_\_\_\_\_. (See 37 CFR 1.116 and 41.33(a)).

4.  The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).

5.  Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.

6.  Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

7.  For purposes of appeal, the proposed amendment(s): a)  will not be entered, or b)  will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: \_\_\_\_\_.

Claim(s) objected to: \_\_\_\_\_.

Claim(s) rejected: \_\_\_\_\_.

Claim(s) withdrawn from consideration: \_\_\_\_\_.

#### AFFIDAVIT OR OTHER EVIDENCE

8.  The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).

9.  The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).

10.  The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

#### REQUEST FOR RECONSIDERATION/OTHER

11.  The request for reconsideration has been considered but does NOT place the application in condition for allowance because: The Applicants arguments for the reconsideration are not persuasive. The Applicant argues on the bottom of page 2 that replacing gold with iron is insufficient, because Applicant claims "fine particles of a soft magnetic material" and not a particle plated with material like taught by Yamazaki. This is not persuasive, because the Applicant claims a device "comprising" ... fine particles of a soft magnetic material. The Applicant does not claim "fine particles "consisting" of a soft magnetic material". The Applicant also argues at the top of page 3 that the secondary reference is from a different, unrelated area of art, and hence it would be unreasonable to use the secondary Fujieda reference. This is found unpersuasive because it is the same art, the art of the conductive interconnect in both cases. Hence, according to KSR, what we have here is simply a case of a known technique to improve "similar" devices. Since it is conductive interconnect in both cases, the devices are similar. The Applicant also argues on bottom of page 3 that the device might not function due to insufficient conductivity. This is not found persuasive for two reasons. One, is because as the Examiner pointed out, the Designer always runs simulations and calculations to make sure that everything functions as expected (just as an aside, the Examiner has been a practicing semiconductor engineer for 9 years, and hence, speaks from experience). The other reason is because the iron obviously works for secondary reference, otherwise Fujieda would not have used it. Hence, the argument of non-functionality is not persuasive because of that also.

12.  Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). \_\_\_\_\_

13.  Other: \_\_\_\_\_.

/Kimberly D Nguyen/  
Supervisory Patent Examiner, Art Unit 2894

U.S. Patent and Trademark Office  
PTOL-303 (Rev. 08-06)

**Advisory Action Before the Filing of an Appeal Brief**

Part of Paper No. 20100315